

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Klouda Estate Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #2
Installation of Waterline Emergency Action Activities
Klouda Estate Site
B4Q8
Fort Valley, GA
Latitude: 32.5586000 Longitude: -83.8410000

To: Matt Taylor, USEPA R4 ERRB, Removal Operations Section Chief
From: Benjamin Franco, OSC
Date: 10/22/2012
Reporting Period: 09/24/2012 to 10/12/2012

1. Introduction

1.1 Background

Site Number:	B4Q8	Contract Number:	EP-S4-07-04
D.O. Number:	147	Action Memo Date:	5/4/2012
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	5/4/2012	Start Date:	5/4/2012
Demob Date:		Completion Date:	
CERCLIS ID:	GAN000410823	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

1.1.2 Site Description

It is believed that pesticide formulation mixing, application tank washing and application tank dumping occurred as part of a crop dusting operation at the Site. The Site was listed on the Georgia Hazardous Site Inventory on November 10, 2005 in response to a release notification submitted to Georgia Environmental Protection Division (GAEPD) by the Site Estate. Since 2005 the Estate has installed monitoring wells and conducted several sampling events including soil sampling in 2005 and groundwater sampling in 2011. In January 2012 the Georgia Environmental Protection Division (GEPD) conducted sampling and analysis of wells used as the primary source of drinking water for several nearby residences.

Soil sampling results collected in 2005 indicate that toxaphene concentrations in top soil are as high as 31 times the U.S. Environmental Protection Agency's (EPA's) removal action level (RAL) for industrial soil (5321 mg/Kg) and soil contamination above the RAL extends as far as 8 feet beneath the top soil. 2011 results from monitoring well samples located within 300 feet of residential drinking water wells are 7 times the toxaphene RAL for tap water.

Residential well samples collected in 2012 by GAEPD exceeded the maximum contaminant level (MCL) for Lindane in two drinking water wells and was detected in two others; however, the results were below EPA's residents' tapwater action levels. These wells serve as the primary drinking water source for one residence on Fullwood Road. The home owners supplied themselves with bottled water at the states recommendation.

On January 30, 2012, GA EPD referred the site to the U.S. EPA for consideration of a time-critical removal action or other response action as appropriate. On March 1, 2012 EPA mobilized to conduct an initial site reconnaissance and to begin a removal site evaluation (RSE) of the Site. The initial site visit revealed drums containing investigation derived wastes (IDW) near the site monitoring wells as well as several additional open wells on the property. Soil boring locations from the 2005 sampling event were still clearly marked. Subsequent to this visit EPA contacted the Site owner as well as the owners to adjacent residential properties and obtained access to the properties.

1.1.2.1 Location

The Site is located on a 114-parcel of land east in Peach County GA. The southeast corner of the property adjoins to the intersection of GA State Highway 96 and Fullwood Road. The Site has been historically used

for agricultural purposes and is currently used for commercial peach production. The approximate latitude and longitude of the site entrance are 32.5586°N and 83.8410°W.

1.1.2.2 Description of Threat

See Emergency Response Action Memo or POLREP #1.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On April 11 and April 12, 2012, EPA, with assistance from START, collected additional samples on the Site and from the surrounding residential wells. Soils were sampled at 0 to 6 inches and 18 to 24 inches in depth on the Site and drinking water wells immediately to the east and south of the Site were sampled. Soil and residential well samples were analyzed for TLC VOC, TCL SVOCs, TCL Pesticides, OP Pesticides, and RCRA Metals. Additionally, one soil sample was analyzed for TCLP Toxaphene and all residential well samples were analyzed for toxaphene congeners. Preliminary data suggest toxaphene levels are above the action levels in several drinking water wells and soil samples. EPA initiated an emergency response to assist the residence with bottled drinking where needed. EPA sampled additional wells to determine if additional residents were impacted by contamination. In reviewing all sampling data EPA determined that a total of six homes and one church would need to be provided with a municipal water connection. See Action Memo for additional details.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA has sampled residential wells and soils and instructed affected residents not to consume well water. EPA has also provided bottled water to residents impacted by toxaphene contamination. On September 24th, 2012, EPA began connecting impacted residences to municipal water supply. As part of this process, 980-1000 ft of 6 inch PVC water main were installed northbound along Fullwood Road and tied in via a reducer and 6 inch valve to a 12 inch main at GA-96. At the end of this line 3-way Fire Hydrant with 2 x 3 inch connection points and 1 x 6 inch connection point was installed.

2.1.2 Response Actions to Date

The following response actions were conducted during this reporting period:

- EPA provided bottled water to residents impacted by groundwater contamination until the affected residences were connected to the water line.
- 6 residences and a church located on Fullwood Rd and GA -96 were connected to the Ft. Valley Utility Water System by October 11th, 2012.
- On October 12th, bottled water service was discontinued for all residences.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Should a viable PRP be identified they will be given the opportunity to assume the cleanup efforts from EPA.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

EPA anticipates the following activities will be completed by the end of the next reporting period:

- Close out monitoring wells and a hand dug well in the contamination zone.
- Start soil removal activities in affected area.

2.2.1.1 Planned Response Activities

EPA is in the process of planning for the following activities:

- Soil removal activities
- Soil disposal activities to an approved CERCLA Subtitle D facility
- Site restoration

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$595,000.00	\$58,932.00	\$536,068.00	90.10%
TAT/START	\$92,456.00	\$49,750.00	\$42,706.00	46.19%
Intramural Costs				
Total Site Costs	\$687,456.00	\$108,682.00	\$578,774.00	84.19%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

EPA: 2 OSCs

ERRS: 4 (1Project Manager, 3 Subcontractors installing waterline)

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.